

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

MAY 28 1982

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

DPM 5541

MANUFACTURER'S NAME Turco Products, Inc.		EMERGENCY TELEPHONE NO. (213) 634-3300
ADDRESS (Number, Street, City, State, and ZIP Code) 24600 South Main Street, Carson, California 90749		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Turco W.O. #1
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS HAZARDOUS MIXTURES OF LIQUIDS, SOLIDS, OR GASES

	C.A.S. NUMBER	DOT SPILL CAT.	EPA WASTE NUMBER	%	TLV UNITS
Phosphoric Acid	7664-38-2	D	D002	55	1Mg/M ³
Butyl Cellosolve	111-76-2	Un-listed	Un-listed	15	50 PPM SKIN

Other components not defined as hazardous by the U.S. Dept. of Labor.

Carcinogens

NONE

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Approx.	212°F	SPECIFIC GRAVITY (H ₂ O=1)	1.34
VAPOR PRESSURE (mm Hg.)	Approx.	25mm	PERCENT VOLATILE BY VOLUME (%)	40
VAPOR DENSITY (AIR=1)	More than	1	EVAPORATION RATE (Bu. Ac. =1)	More than 1
SOLUBILITY IN WATER	Complete			
APPEARANCE AND ODOR	Clear colorless Liquid			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Non-flammable			
SPECIAL FIRE FIGHTING PROCEDURES	Thermal Decomposition will produce toxic Oxides of phosphorous. Wear gas masks			
UNUSUAL FIRE AND EXPLOSION HAZARDS				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Skin: Moderate to severe irritation. Eyes: Severe irritation, possible cornea damage. Ingestion: Severe irritation of Digestive tract.

EMERGENCY AND FIRST AID PROCEDURES

Skin: Wash well with soap and water. If irritation persists, obtain medical attention. Eyes: Flush with water for at least 15 minutes.

Obtain medical attention. Ingestion: DO NOT INDUCE VOMITING. Give water or milk. Obtain Medical attention.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Caustic Materials

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal Decomposition will produce toxic oxides of phosphorous

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid contact with skin and clothing. Neutralize acidity and flush to sewer with water.

WASTE DISPOSAL METHOD

Neutralize acidity. Treat to remove phosphates if required by Local or State Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

X

OTHER

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Splash goggles

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Transport and store in closed containers at temperatures between 30°F and 120°F.

OTHER PRECAUTIONS

Avoid contact with skin, eyes and clothing.